RECEIVED CENTRAL FAX CENTER

SEP 1 4 2004

SCHERING-PLOUGH CORPORATION

LAW DEPARTMENT

2000 GALLOFING HILL ROAD

K-6-1, MAIL STOP 1990

KENILWORTH, NEW JERSEY 07033 (908) 298-4000

FACSIMILE TRANSMITTAL SHEET

TO:	FAX NUMBUR:	
United States Patent Office	(703) 872-9306	
FROM:	PHONE NUMBER:	
Henry C. Jeanette	(908) 298-5041	
TOTAL NO. OF PAGES INCLUDING COVER	DATE	
12	September 14, 2004	

CONFIDENTIALITY NOTE: This sheet and/or the document(s) accompanying it contain information belonging to Schering-Plough Corporation and/or its affiliates which is confidential and/or legally privileged. The information is intended only for the use of the individual or entity named above. If you have received this fax in error, please immediately notify us by telephone. If there is a problem with this transmission please call LaKeisha Robinson at (908) 298-5053.

NOTES/COMMENTS:

Re: Application No. 10/774,562

In Re Application of Alan B. Cooper, et al., Filed: 02/09/2004 Group Art Unit: 1614; Attorney Docket No. IN0752K1BQB

For: Compounds Useful for Inhibition of Farnesvl Protein Transferase

Transmitted herewith are:

Fax Cover Sheet (1 pg.)

- Certificate of Fax Transmission (1 pg.)

IDS dated September 14, 2004 for Application No. 10/774,562 (1 pg.)

PTO 1449 for Application No. 10/774,562 (1 pg. in duplicate)

- Copy of IDS dated September 4, 2002 for Application No. 10/235,027 (3 pgs.)

 Copy of PTO 1449 submitted with IDS dated September 4, 2002 for Application No. 10/235,027 (4 pgs.)

Dear Sirs:

In a previous facsimile sent on September 14, 2004, Applicants filed an IDS for the above-identified Application. Inadvertently, the 1449 form was not sent in duplicate.

Applicants are resubmitting the IDS to correct this inadvertent error, i.e., the present submission contains the 1449 form in duplicate.

Thank you.

HENRY C. JEANETTE Attorney for Applicant

Registration No. 30,856

PHONE: (908) 298-5041

FAX: (908) 298-5388

Attorney Docket No.: JN0752K1BQ

Application No.: 10/774,562 Filing Date: 02/09/2004

First Named Inventor: Alan B. Cooper, et al.

PTC/SB/97 (08-03)
Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Tredemark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it contains a valid QMB control number.

Certificate of Transmission under 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office (Fax No. 703-872-9306)

on 09/14/2004

Date

Henry C. Jeanette, Reg. No. 30,856

Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of transmission, or this certificate must identify each submitted paper.

Document(s) being transmitted:

Fax Cover Sheet (1 pg.)

Cert. of Transmission (1 pg.)

IDS dated September 14, 2004 for Application No. 10/774,562 (1 pg.)

PTO 1449 for Application No. 10/774,562 (1 pg. in duplicate)

Copy of IDS for Serial No. 10/235,027 (3 pgs.)

Copy of PTO 1449 submitted with IDS dated September 4, 2002 for Application No. 10/235,027 (4 pgs.)

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Timo will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

CENTRAL FAX CENTER SEP 1 4 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Alan B. Cooper, et al.

Group Art Unit: 1614

Application No.: 10/774,562

Examiner: To Be Assigned

Filed:

02/09/2004

For:

COMPOUNDS USEFUL FOR INHIBITION OF FARNESYL PROTEIN TRANSFERASE

Attorney Docket No.: IN0752K1BQB

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 Mail Stop: Amendment

Sir:

Submitted herewith is Applicants' 1449 form for the above-identified application. Also submitted herewith is a copy of the Information Disclosure Statement from Applicants' parent Application Serial No. 10/235,027 filed September 4, 2002 (now U.S. 6,689,789).

Since the cited references were cited in Applicants' parent Application, copies of the references are not being submitted herewith. The Examiner is requested to notify the undersigned if another copy of the references is desired.

Applicants request that the cited references be made of record in the above-identified Application.

Respectfully submitted,

Dated: September 14, 2004

Schering-Plough Corporation Patent Department, K-6-1, 1990

2000 Galloping Hill Road Kenilworth, NJ 07033-0530

Facsimile No.: (908) 298-5388

By:

Name: Henry C. Jeanette Reg. No.: 30,856

Attorney of Record

Telephone No.: (908) 298-5041

Sheet 1 of 1

FORM PTO-	1449	U.S. DEP	OF COMMERCE MARK OFFICE	ATTY. DOCKET NO.: IN0752K1BQB		SERIAL NO.: 10/7 74,562			
				APPLICANT:		10/11-4,0	102		
INFC	RM	ATION DISCLOS BY APPLIC		LEMENI	Alan B. Coop	er, et al.			
	/1.1	se several sheets		anı)	FILING DATE:	GROUP:			
	(0	Se several sileets			02/09/2004		1614	-	
			Ų.S. PA	ATENT DOCUM					
*EXAMINER		DOCUMENT	DATE	NAM	ΙE	CLASS		FILING E	
INITIAL		NUMBER					CLASS	APPROF	RIATE
	AA	5,684.013	11/1997	Afonso, et al.					
	AB		12/1997	Afonso, et al.					
	AC	5,661,152	08/1997	Bishop, et al.					
	AD	5,696,121	12/1997	Bishop, et al.					
	AE	5,714,609	02/1998	Bishop, et al.					
	AF	5,719,148	02/1998	Bishop, et al.					
	AG		02/1998	Bishop, et al.					
	AH	5,728,703	03/1998	Bishop, et al.					
	ΑI	5,672,611	09/1997	Doll, et al.				<u> </u>	
	AJ	5,700,806	12/1997	Doll, et al.					
_	AK	5,712,280	01/1998	Doll, et al.		-			
	AL	4,826,853	05/1989_	Piwinski, et al.					
	AM	5,089,496	02/1992	Piwinski, et al.		<u> </u>			
	AN	5,151,423	09/1992	Piwinski, et al.					
	AO	5,393,890	02/1995	Syoji, et al.					
	_	F	OREIGN	PATENT DOC	CUMENTS				
	Τ	DOCUMENT	DATE	COUNTRY		CLASS	SUB-	TRANSI	ATION
		NUMBER					CLASS	YE\$	NO
	AP	EP 0 270 818	06/1988	EF	3				
	AQ	EP 0 396 083	11/1990	EF					
	AR	EP 0 495 484	07/1992	EF					
	AS	EP 0 723 539	12/1994	EF	· ·				
	ΑT	WQ 93/20080	10/1993	WIF	0				
	AU	WO 95/10514	10/1994	WJF	0				
	AV	WO 95/10515	04/1995	WIF					
	AW	WO 95/10516	04/1995	WIF	00				
	AX	WO 95/15949	06/1995	WJF					
	AY	WO 96/30018	10/1996	WIF					
	AZ	WO 96/30362	10/1996	WIF					
·	ВА	WO 96/30363	10/1996	WIF					
	ВВ	WO 96/31477	10/1996	WIF					
	ВÇ	WO 96/31478	10/1996	WIF			<i> </i>		
	BD	WQ 97/23478	07/1997	WIF					
	BE	WO 98/57949	06/1998	WIF					
		HER DOCUMENT	·	ling Author Titl	e Date Perti	nent Pa	nnes Et	c)	•
	BF	Bishop, et al., The J							
ļ	BG								
		Njoroge, et al., Biool Villani, F.J., et al., Jo	ryanic & we	aliainal Chamistry	Leiters, voi. 6, i	750.75	1. 2311-23 1. (4072)	202 (199	φ)
	ВН	Villani, F.J., et al., Jo	oumai ot i <u>vie</u>	edicinal Chemistry	, voi. 15, no. 7,	J. 75U-75	4 (1972)		
	\vdash								
EXAMINE	١	L		DATE	ONSIDERED	-			
*EVA-1151=		.111_1 166	Idean J 3	45-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-	ia la santana	ann acida B	ADED CO	3. D	line
through cita	i≺; ir etion	iitiai if reference cons if not in conformance	and not co	nsidered, include	copy of this for	n with ne	xt commu	inication	to
*EXAMINE through cite	R; Ir	itial if reference cons if not in conformance	idered, whe and not co	ther or not citation nsidered. Include	is in conformat copy of this for	nce with I n with ne	MPEP 60: xt commi	3; Draw unication	line to



Sheet <u>1</u> of <u>1</u>

FORM PTO		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE MATION DISCLOSURE STATEMENT			ATTY, DOCKET NO.: IN0752K1BQB APPLICANT:		SERIAL NO.: 10/774,562		
ווארכ		BY APPLI		ZI CIVICIA I	Alan B, Coop	er, et al.			
	(U.	se several sheet		ary)	FILING DATE: 02/09/2004		GROUP: 1614		
	-		U.S. PA	ATENT DOCUM	MENTS				
*EXAMINER	T	DOCUMENT NUMBER	DATE	NAM		CLASS		FILING APPRO	
	AA	5,684,013	11/1997	Afonso, et al.					
	ΑB	5,703,090	12/1997	Afonso, et al.					
	AC	5,661,152	08/1997	Bishop, et al.					
	AD	5,696,121	12/1997	Bishop, et al.					
	AE	5,714,609	02/1998	Bishop, et al.					
	AF	5,719,148	02/1998	Bishop, et al.			ļ		
	AG	5,721,236	02/1998	Bishop, et al.				1	
	AH	5,728,703	03/1998	Bishop, et al.					
	Al	5,672,611	09/1997	Doll, et al.					
	AJ	5,700,806	12/1997	Doll, et al.					
	AK	5,712 <u>,28</u> 0	01/1998	Doll, et al.					
	AL	4,826,853	05/1989	Piwinski, et al.					
	AM	5,089,496	02/1992	Piwinski, et al.					
	AN	5,151,423	09/1992	Piwinski, et al.					
	AQ	5,393,890	02/1995	Syoji, et al.					
			EODEIGN	PATENT DOC	I IMENITO				
		DOCUMENT	DATE	COUNTRY	ONENIS	CLASS	I SUB-	TOANG	LATION
		NUMBER	DATE	COUNTRY		CLASS	CLASS	YES	
	ΑP	EP 0 270 818	06/4088				CDASS	TES.	NO
	AQ	EP 0 396 083	06/1988 11/1990	EF			 	₩	
	AR	EP 0 495 484		EF			 		
	AS	EP 0 723 539	07/1992 12/1994	EP EP			 	ļ	
	AT	WO 93/20080	10/1993	WIP		ļ.,,		 	——
	AU	WO 95/10514	10/1993					ļ	
	AV	WO 95/10514 WO 95/10515		WIP		ļ <u>-</u>		 	
	AW	WO 95/10516	04/1995	WIP			 		ļ
	AX	WO 95/15949	04/1995	WIP			ļ	ļ	
	AY	WO 96/30018	06/1995	WIP		 			
	AZ	WO 96/30362	10/1996	WIP					
	BA	WO 96/30363	10/1996					ļ ——	┿
	BB	WO 96/31477	10/1996	WIP		<u> </u>	<u> </u>	<u> </u>	
	BC	WO 96/31477		WIP		 			
	BD	WO 97/23478	10/199 <u>6</u> 07/1997	WIP WIP				 	
	BE	WO 98/57949	06/1998	WIP				<u> </u>	<u> </u>
						<u> </u>	l	L	<u> </u>
	OTI	HER DOCUMEN	ITS (Includ	ing Author, Title	e, Date, Pert	inent Pa	iges, Et	c.)	
	BF	Bishop, et al., The	Journal of Bi	ological Chemistry	, vol. 270, no.	5. pp. 30	611-3061	8 (1995	7
	BG	Njoroge, et al., Bio	organic & Me	dicinal Chemistry	Letters, vol. 6,	no. 24, pp	. 2977-29	82 (198	(6)
	ВН	Villani, F.J., et al.,	Journal of Me	edicinal Chemistry.	vol. 15, no. 7.	p. 750-75	4 (1972)		
EXAMINER	₹			DATE C	ONSIDERED				
*EXAMINE	D· In	itial if reference con	cidored who	ther or not siteties	io io conforme	000 Will 1	ADED SA). D	Tin a
through cita	ation i	if not in conformance	e and not cor	nsidered. Include:	copy of this for	n with ne:	xt commu	nication	iine i to
annlicant									

CENTRAL FAX CEN

SEP 1 4 2004



PATENT CASE: IN0752K1BQ

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: COOPER et al.

Examiner: To Be Assigned

For Patent: Compounds Useful for Inhibition

Date: September 4, 2002

Of Farnesyl Protein Transferase

Group Art Unit: To Be Assigned

Serial No.: To Be Assigned

Filed: September 4, 2002

Schering-Plough Corporation

Kenilworth, New Jersey 07033

Assistant Commissioner for Patents Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed herein is Applicants' PTO-1449 Form. This Statement is being filed with the above-referenced case, therefore, no fee should be due.

A copy of the cited references and Applicant's IDS for parent application IN0752K1B were mailed on July 9, 2002. Therefore, a copy of the cited references are not being submitted herewith. Applicants request that the cited references be made of record in the above identified application.

The Examiner is requested to notify the undersigned if another copy of the references are desired.



In re Application of: COOPER et al. Serial No. To Be Assigned Filed: September 4, 2002

Additional Information

2

Applicants also wish to call the Examiner's attention to copending Application Serial No. 09/995,156, filed November 27, 2001, priority to 60/253,971, filed November 29, 2000, our Docket No. IN01216, which discloses compounds selected from the group consisting of:

3



In re Application of: COOPER et al.

Serial No. To Be Assigned Filed: September 4, 2002

or a pharmaceutically acceptable salt thereof.

Respectfully submitted,

Robert L. Bernstein Reg. No. 46,020

Attorney for Applicants

(908) 298-3985

(908) 298-5388 (Facsimile)

RLB:sa

"Express Mail" Label No.

Date of Deposit:

EL005881885US

September 4, 2002

COPY

Submitted to Case: IN0752K1BC aDS Filed September 4, 2002 (4 Pages Tota.

Sheet 1 of 3

FORM PTO-1449 U.S. DEPARTMENT OF PATENT AND TRADE INFORMATION DISCLOSURE STATEMENT OF PATENT				EMARK OFFICE	ATTY. DOCKE IN0752K1 APPLICANT: Cooper et al.	T NO.:	SERIAL 09/094		
	ſU	FOH PATI se several sheets		sary)	FILING DATE: June 15, 199		GROUP 1646	,,	
				ATENT DOCU	•	<u></u>	102		
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	77.2.7	CLASS	SUB- CLASS		DATE IF
·	AA	5,15 <u>1,4</u> 23	9/92	Piwinski et af.	·	514			
	АВ	5,393,890	2/95	Syoji et al.		546		<u> </u>	
	AC	4.826,853	5/89	Piwinski et al.		514		<u> </u>	
	AD	5.089.496	2/92	Piwinski et al.		514			
	ΑE	5.719.148	2/98	Bishop et al.					
!	AF	5,714.609	2/98	Bishop et al.					
	AG	5,696,121	12/97	Bishop et al.					
	АН	5,661,152	8/97	Bishop et al.			<u> </u>		
	Al	5.728.703	3/98	Bishop et al.		<u> </u>			
	LA	5.721.236	2/98	Bishop et al.				F	
	AK	5.684.013	11/97	Afonso et al.	,				
				PATENT DOC	UMENTS				
		DOCUMENT NUMBER	DATE	COUNTRY		CLASS	SUB- CLASS	TRANS	LATION NO
	AL	WO95/10516	4/95	WIPO					
	AM	WO96/30363	10/96	WIPO				`	
	AN	WO97/23478	7/97	WIPO				•	
	AO	WO95/10515	4/95	WIPO					
	AP	EP0495484	7/92	WIPO					
	OTH	HER DOCUMENT	S (Includ	ling Author, Title	e. Date, Pert	inent Pa	iges, Et	c.)	
1	AQ	Bishop et al., The Jo					~		5)
	AR	Njoroge et al., Bicor							
		Villani, F.J. et al., Jou							
	AT							,	
	AU								
,	AV								
	AW			-			-		
EXAMINER				DATE CO	ONSIDERED				
*EXAMINER through citat	tion if	tial if reference consideration in conformance in	dered, whet	her or not citation i	s in conforman	ce with M	PEP 609	; Draw I	ine 1 to



Submitted to Case: IN0752. IDS Filed September 4, 2002 (4 Pages___al)

Sheet 2 of 3

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT FOR PATENT					ATTY. DOCKET NO.: SERIAL NO.: IN0752K1 09/094,689 APPLICANT: Cooper et al.				
]	as	lse several she		ssarv)	FILING DATE:		GROUP:		
<u> </u>	- (~			ATENT DOCL	<u> June 15, 199</u> IMENTS	98	1646		<u>-</u>
'EXAMINER	1	DOCUMENT NUMBER	DATE	NAME	710121410	CLASS	SUB- CLASS	FILING APPRO	
	ВА		12/97.	Afonso et al.				I	
	ВВ	5,700,806	12/97	Doll et al.					
	ВС	5.712.280	1/98	Doll et al.					
	BD	5,672,611	9/97	Doll et al.					
	BE								
	BF	^			,				
'4'	BG								
	вн								
	ВІ								
	ВЈ								
	вк							-	
				N PATENT DO	CUMENTS				
·		DOCUMENT NUMBER	DATE	COUNTRY	- 1	CLASS	SUB- CLASS	THANS	NOITA
	BL	EP0270818	6/88	EP					
	вм	EPO396083	11/90	EP		}			
	BN	WO96/30362	10/96	WIPO					
	во	WQ96/31478	10/95	WIPO					
	ВР								
	OTH	HER DOCUME	NTS (Includ	ding Author, Titl	e, Date, Pert	inent Pa	ges, Et	c.)	
	во								
	BR								_
	BS		•						
	вт								
	BU			•					
	в٧						.		
	ВW								
EXAMINER			-		ONSIDERED				
*EXAMINER through citat applicant.	t: Init	ial if reference cor not in conforman	isidered, whe	ther or not citation insidered. Include	is in conforman copy of this for	ce with M m with ne	PEP 609 xt commu	Draw II	ne to



Submitted to Case: IN0752K1
IDS Filed September 4, 2002 (4 Pages To

Sheet 3 of 3

FORM PTO-		PATE	OF COMMERCE DEMARK OFFICE	FFICE IN0752K1		09/094.689			
INFO	NAC	NATION DISCLO FOR PA		FATEMENT	APPLICANT: Cooper et al	l .			
	(U	lse several shee	ets if nece:	ssary)	FILING DATE June 15, 19		GROUP 1646	·:	
			U.S. F	PATENT DOC	UMENTS	191			
*EXAMINER		DOCUMENT NUMBER	DATE	NAME		CLASS	SUB- CLASS	FILING	DATE IF
	CA			<u> </u>					
	СВ							<u> </u>	
	cc					<u> </u>			
	CD								
	CE								
	CF								
	Œ								
	СН								
	а	·							
	CJ								
	СК								
	-		FOREIG	N PATENT DO	CUMENTS	<u> </u>	1	1	
_		DOCUMENT NUMBER	DATE	COUNTRY		CLASS	SUB- CLASS	TRANS	LATION
-	CL	WO96/30018	10/96	WIPO					
	СМ	WO96/31477	10/96	WIPO					
	CN	WO95/15949	6/95	WIPO			,		
	co	WO93/20080	10/93	WIPO					
	СР				1				
	OTH	HER DOCUMEN	NTS (Inclu	ding Author, Ti	tle, Date, Per	tinent Pa	iges, Et	c.)	
	ca								
	CR								
	CS					-	,		
	СТ								
	CU								
	CV.								
	CW	•				· · · · · · · · · · · · · · · · · · ·			
EXAMINER		¢			CONSIDERED				
*EXAMINEF through cita: applicant.	रि: (nr tion i	itial if reference con it not in conformand	sidered, whe	ether or not citation onsidered. Include	is in conformate copy of this fo	nce with M rm with ne	IPEP 609 ext comm	; Draw I unication	line n to

Submitted to Case: IN0752K1BQ S Filed September 4, 2002 (4 Pages Total)



Sheet $\underline{4}$ of $\underline{4}$

FORM PTO-	1449	U.S. DEP	ARTMENT O	F COMMERCE MARK OFFICE	IN0752		SERIAL NO.: TO BE ASSIGNED		
INFO	RMA	ATION DISCLOS BY APPLIC	URE STA	TEMENT	COOPE	ANT: ER, ET AL.			
		_			FILING	DATE:	GROUP:		
	(Us	e several sheets	if necessa	ary)		ber 4, 2002	To Be A	ssigned	
		-	U.S. PA	TENT DOCU	MENTS				- A TO 15
*EXAMINER		DOCUMENT	T DATE T	NA	MÉ	CLASS	SUB- CLASS	FILING I	DAILIF
INITIAL_		NUMBER					CLASS	APPRO	PRIATE
	DA						<u> </u>		
	DΒ								
	DC						 		
	ממ						 	 	
	DE						ļ		
	DF		<u> </u>					 	
	DG		<u> </u>				 		
	DH								
	DI		<u> </u>					 	
	DJ								
	DK		<u> </u>				L,	1	
			FOREIGN	PATENT DO	CUMEN	<u> </u>		T== 4 + 1-2	
	$\overline{}$	DOCUMENT	DATE	COUNTRY		CLASS	SUB-		LATION
		NUMBER					CLASS	YES	NO
	DL	EP 0723 539 B1	12/10/94		OPE	C07D	401/04		
	ΙОМ	WO 95/10514	10/12/94		CT	C07D	401/04		+
	DN	WO 98/57949	06/15/98	P	CT _	Ç07D	410/04	X	+
	DO							 	
	DP							<u> </u>	
	OT	HER DOCUMEN	TS (Includ	ling Author, T	tle, Dat	e, Pertinent P	ages, E	tc.)	
	DQ								
	DR								
	DS								
	DT								
	DŪ								
	DV					AB TO			
EXAMINE	R			DATE	CONSID	PERED			
		·			on in in co	poformance with	MPEP 60	9. Dray	w line
through ci	ER: I tation	nitial if reference con if not in conformanc	sidered, who e and not co	emer or not cital ensidered. Includ	ie copy of	f this form with n	ext comm	unicatio	n to
applicant.						. <u> </u>	· · · · · · · · · · · · · · · · · · ·		